

3/16/54
V11/13/54
March 16, 1954

My dear Wheeler:

Thanks for sending me your reprints and ms. I enjoyed the latter now as much as when I heard it.

Two points, not in any way criticisms, that you might care to hear, if you were not already acquainted with them.

In regard to mating type mutations, Leupold has made an exhaustive study of *Schizosaccharomyces pombe* (C.R. Carlberg Lab. 24: 381, 1950); there are reports every now and then, of course, on the same thing in *Saccharomyces cerevisiae*.

On p. 6 you quote Lilly and Barnett on "mutualistic symbiosis". I would recommend the classical example of it from Schopfer's lab. and quoted in his book *Plants and Vitamins: Mucor ramanianus and Rhodotorula rubra*. See also Ber. schw. Bot Ges. 52:537 (1942) and 51:165 (1941). In connection with but not exclusively for ~~for the particular case~~ interactions of auxotrophic mutants of a given organism, I once coined the term "syntrophism" (in an abstract, J. Bact. 52:503 1946), but Bernie Davis has made by far the most use of the term and the concept (cf. *Experientia* 6:41, 1950). I mention these references as providing possible even more detailed documentation for your concept than might be realized from the mycogenetic literature alone.

Yours sincerely,

Joshua Lederberg